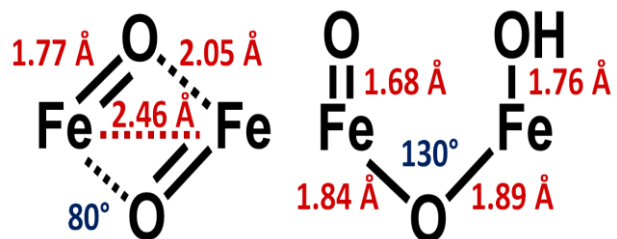
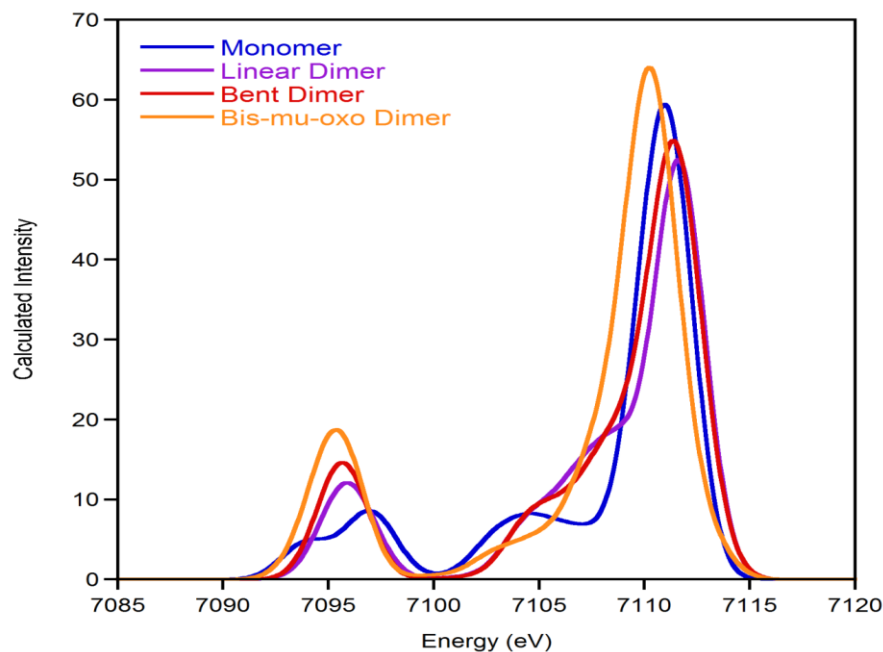


Molecular mechanism of methane to methanol conversion in soluble methane monooxygenase

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Our goal is to use XES to obtain insight into the mechanism of methane to methanol conversion by methane monooxygenase (MMO).



Recent model studies of binuclear iron complexes show that XES provides a direct probe of Fe-O-Fe core geometry.